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WHAT IS CLAIMED IS:

1        1. In a machine for making filters for attachment  
2        to smokers' products, a mobile transfer device for <sup>R&M 468 & M 476</sup> <sub>Levet 39</sub>  
3        introduction of filter material for tobacco smoke into  
4        sections of wrapping material; <sup>via Guide bore 258228</sup> guide means for said  
5        transfer device; and compensating means between said  
6        transfer device and said guide means.

1        2. The structure of claim 1, wherein said guide  
2        means comprises a groove for a portion of one of said  
3        transfer device and said compensating means. *F. 3-7*

1        3. The structure of claim 2, wherein said compensating means includes an elastic material.

1        4. The structure of claim 2, wherein said transfer device includes at least one mobile plunger. <sup>4/6</sup>

1        5. The structure of claim 4, wherein said compensating means includes a tubular guide for said at least one plunger. <sup>via 258224 F. 2</sup>

1        6. The structure of claim 4, further comprising means for limiting the extent of movability of said plunger. <sup>via 23</sup> *; F. 2-7*

1           7. The structure of claim 1, wherein said compen-  
2 sating means comprises at least one spring. *52844*

1           8. The structure of claim 1, wherein said  
2 transfer device comprises at least one mobile plunger  
3 and a motor for moving said plunger.

1           9. The structure of claim 8, wherein said motor  
2 is a stepping motor.

1           10. The structure of claim 1, wherein said  
2 transfer device comprises at least one mobile plunger  
3 and means for monitoring the extent of movability of said  
4 plunger.

1           11. The structure of claim 10, wherein said  
2 monitoring means is selected from the group consisting  
3 of power sensors, contact sensors and distance sensors.

1           12. The structure of claim 1, wherein said com-  
2 pensating means includes elastic synthetic plastic  
3 material.

1           13. The structure of claim 12, wherein said  
2 elastic material is a foam.

1           14. The structure of claim 12, wherein at least  
2       one of said transfer device and said guide means has at  
3       least one chamber for said elastic material.

1           15. In a machine for making filters for attachment  
2       to smokers' products, the combination of a mobile device  
3       for introduction of filter material for tobacco smoke  
4       into at least one section of a wrapping material; and  
5       a control element constituting a means for facilitating  
6       only indirect movements of said device.)

1           16. The combination of claim 15, further  
2       comprising a compensating element between said mobile  
3       device and said control element.

1           17. A machine for making filters for smoke  
2       generated by products of the tobacco processing industry,  
3       comprising at least one mobile transfer device for the  
4       introduction of quantities of tobacco smoke filtering  
5       material into tubular receptacles; guide means for said  
6       transfer device; and means for compensating for depart-  
7       tures of quantities of filter material from predetermined  
8       quantities.

1           18. In a machine for making composite filter  
2        plugs for attachment to rod-shaped smokers' products,  
3        the combination of:

4           means for advancing a succession of tubular  
5        receptacles for filter material for tobacco smoke in a  
6        predetermined direction along a predetermined path;

7           adjustable means for introducing discrete  
8        quantities of filter material into successive receptacles  
9        in said path;

10          means for monitoring said quantities of filter  
11        material; and

12          means for adjusting said introducing means when  
13        the monitored quantities depart from a predetermined  
14        value.

1           19. The combination of claim 18, wherein said  
2        introducing means is movable relative to successive  
3        receptacles in a predetermined portion of said path and  
4        the extent of movement of said introducing means is  
5        indicative of the quantity of filter material introduced  
6        into the receptacle then located in said portion of said  
7        path, said monitoring means including means for  
8        ascertaining the extent of movement of said introducing  
9        means.

1                   20. The combination of claim 18, further  
2 comprising means for removing from said path those  
3 receptacles wherein the quantity of filter material in  
4 the receptacle occupying said portion of said path causes  
5 the introducing means to move through a distance outside  
6 of a predetermined range of distances.